

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference HS/15-23005	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2005/050003	International filing date (day/month/year) 03/01/2005	(Earliest) Priority Date (day/month/year) 12/01/2004
Applicant CIBA SPECIALTY CHEMICALS HOLDING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2.  Certain claims were found unsearchable (See Box II).

3.  Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. \_\_\_\_\_

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b.  none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2005/050003
---

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01J31/18 C11D3/395
--

According to International Patent Classification (IPC) or to both national classification and IPC
---

B. FIELDS SEARCHED
--------------------

Minimum documentation searched (classification system followed by classification symbols) IPC 7 B01J C11D
--

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
---

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
--

EP0-Internal, WPI Data, PAJ
-----------------------------

C. DOCUMENTS CONSIDERED TO BE RELEVANT
--

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/088289 A (SCHLINGLOFF GUNTHER ;WEINGARTNER PETER (CH); HAZENKAMP MENNO (CH);) 7 November 2002 (2002-11-07) cited in the application the whole document -----	1-22
A	WO 03/014277 A (DIXON SARAH ;OAKES JOHN (GB); UNILEVER PLC (GB); COOKE DEBORAH JAN) 20 February 2003 (2003-02-20) page 1, lines 5-24 page 23, line 22 - page 24, line 5 -----	1,20,21
A	US 6 099 586 A (HORWITZ COLIN P ET AL) 8 August 2000 (2000-08-08) page 10, left-hand column, paragraph 178 - right-hand column, paragraph 187 ----- -/-	1,20,21

<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.
--

<input checked="" type="checkbox"/> Patent family members are listed in annex.
--

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search
---

Date of mailing of the international search report
--

5 April 2005
--------------

15/04/2005
------------

Name and mailing address of the ISA
-------------------------------------

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016
---

Authorized officer
--------------------

Bork, A-M
-----------

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/050003

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/026792 A1 (ZNAIDEN ALEXANDER ET AL) 4 October 2001 (2001-10-04) column 1, line 15 - line 60 column 10, line 29 - line 57 -----	1, 20, 21
P, X	WO 2004/007657 A (CIBA SPECIALTY CHEMICALS HOLDING INC; SCHLINGLOFF, GUNTHER; WIEPRECHT,) 22 January 2004 (2004-01-22) page 1, paragraph 1 - page 3, paragraph 1 page 25, paragraph 2 - paragraph 5 page 28, paragraph 5 -----	1-22
P, X	WO 2004/039934 A (CIBA SPECIALTY CHEMICALS HOLDING INC; SCHLINGLOFF, GUNTHER; WIEPRECHT,) 13 May 2004 (2004-05-13) page 1, paragraph 1 - page 3, paragraph 1 page 50, paragraph 4 page 52, paragraphs 3,7 -----	1-22

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2005/050003

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 02088289	A 07-11-2002	BR 0209292 A		13-07-2004
		WO 02088289 A2		07-11-2002
		EP 1383857 A2		28-01-2004
		JP 2004533918 T		11-11-2004
		MX PA03009905 A		29-01-2004
		US 2004142843 A1		22-07-2004
-----	-----	-----	-----	-----
WO 03014277	A 20-02-2003	BR 0211876 A		21-09-2004
		WO 03014277 A1		20-02-2003
		EP 1414934 A1		06-05-2004
-----	-----	-----	-----	-----
US 6099586	A 08-08-2000	US 5876625 A		02-03-1999
		AP 905 A		27-11-2000
		AP 1013 A		27-09-2001
		AT 225844 T		15-10-2002
		AT 233312 T		15-03-2003
		AU 730906 B2		15-03-2001
		AU 3665597 A		10-02-1998
		AU 720042 B2		25-05-2000
		AU 3735297 A		10-02-1998
		BR 9710514 A		24-10-2000
		BR 9710538 A		17-08-1999
		CA 2261228 A1		29-01-1998
		CA 2261229 A1		29-01-1998
		CN 1230979 A		06-10-1999
		CN 1230980 A		06-10-1999
		DE 69716275 D1		14-11-2002
		DE 69716275 T2		10-07-2003
		DE 69719337 D1		03-04-2003
		DE 69719337 T2		08-04-2004
		DK 923635 T3		23-06-2003
		EP 0918840 A1		02-06-1999
		EP 0923635 A2		23-06-1999
		ES 2186906 T3		16-05-2003
		ES 2197356 T3		01-01-2004
		HK 1020350 A1		06-06-2003
		HK 1020750 A1		24-10-2003
		JP 3623802 B2		23-02-2005
		JP 2001503073 T		06-03-2001
		JP 3623803 B2		23-02-2005
		JP 2000515194 T		14-11-2000
		NO 990266 A		22-03-1999
		NO 990267 A		15-03-1999
		NZ 333795 A		28-07-2000
		NZ 333796 A		29-09-2000
		OA 10961 A		30-10-2001
		OA 10962 A		30-10-2001
		PL 331316 A1		05-07-1999
		PL 331352 A1		05-07-1999
		PT 923635 T		31-07-2003
		RU 2193049 C2		20-11-2002
		RU 2193050 C2		20-11-2002
		US 6136223 A		24-10-2000
		WO 9803625 A1		29-01-1998
		WO 9803626 A2		29-01-1998
		US 6241779 B1		05-06-2001
		US 5853428 A		29-12-1998

## INTERNATIONAL SEARCH REPORT

## Information on patent family members

International Application No  
PCT/EP2005/050003

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2001026792	A1 04-10-2001	US 6217854 B1		17-04-2001
		US 6063390 A		16-05-2000
		US 2002039558 A1		04-04-2002
		AT 224700 T		15-10-2002
		AU 738364 B2		13-09-2001
		AU 4911299 A		28-02-2000
		BR 9912769 A		08-05-2001
		CA 2337716 A1		17-02-2000
		CN 1311664 A		05-09-2001
		CZ 20010489 A3		15-08-2001
		DE 69903175 D1		31-10-2002
		DE 69903175 T2		22-05-2003
		WO 0007561 A1		17-02-2000
		EP 1230915 A2		14-08-2002
		EP 1102577 A1		30-05-2001
		ES 2184476 T3		01-04-2003
		HU 0103200 A2		28-02-2002
		ID 27555 A		12-04-2001
		IN 188748 A1		02-11-2002
		JP 2002522369 T		23-07-2002
		PL 345891 A1		14-01-2002
		RU 2220709 C2		10-01-2004
-----	-----	-----	-----	-----
WO 2004007657	A 22-01-2004	AU 2003253026 A1		02-02-2004
		WO 2004007657 A1		22-01-2004
-----	-----	-----	-----	-----
WO 2004039934	A 13-05-2004	AU 2003278117 A1		25-05-2004
		WO 2004039934 A1		13-05-2004